

Daniel Wang

An innovative UI & UX designer with a background in design and engineering.
Driven by a dedication to delivering pixel-perfect design solutions that elevate user experience.

Experiences

Product Designer - Emotech LTD, July 2022 - March 2024

- Lead UI & UX designer of the Sync AI saas platform
 - Gathered 3000+ users within the first month of releasing the platform
 - Continuously added new features to the platform based on user analytics data
- Front end development of the Sync AI platform, worked with software developers and integrated with company's existing product pipeline
- UI & UX design for an interactive digital human platform.
- Design and development for the company website, blog & news pages
- Graphic design for marketing assets, branding and visuals
- 3D design for creating hyper-realistic digital characters using metahuman creator
- Worked with external contractors to create 3D assets for company products
- Video editing and motion graphics creation for company's product demos and marketing content
- User research on UI analytics and platform usage

Product Design Intern - Emotech LTD, April - September 2021

- UI & UX design for an education software platform
- UI & UX design for an AI-powered video conferencing platform
- Created design systems for the company's software products and website
- Design and development for the company website on figma and webflow
- Graphic design for the company's promotion materials

Skills

UI & UX Design - Figma | Adobe XD

Visual Design - Adobe Photoshop | Adobe InDesign | Adobe Illustrator | Procreate

Website Design - Webflow | Framer | Squarespace

Front End Development - Bubble

3D Design - Unreal Engine | Metahuman Creator | Unity

Video Editing - Davinci Resolve | Adobe Premiere Pro | Adobe After Effect | Adobe Audition | LumaFusion

Product Render - Keyshot | Solidworks Visualize

CAD - Solidworks | Autodesk Fusion360

Coding - Python | MATLAB | Arduino

VR & AR Design - Gravity Sketch | Adobe Aero

Contact

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LinkedIn: <https://www.linkedin.com/in/danielwangdh>

Website

bento.me/danielwang | Portfolio and social media links

Education

Imperial College London, 2018-2022

Dyson School of Design Engineering

Awards & Achievements

- Awarded first Place in Imperial x Leon Makathon in sustainability category, 2020
- Awarded first Place in the Astrill VPN UI redesign competition, 2019
- Product design project selected to be displayed for Imperial College Summer Show 2019 exhibition

Proficient Modules

- Product Design | Enterprise Roll-Out | Industrial Design | Communication in Design | Robotics | CAD

Harrow International School Beijing, 2013-2018

Awards & Achievements

- House Captain, member of the Student Council
- Awarded Student of the Year in Design & Technology, 2018
- Awarded Academic Excellence in Mathematics, 2018

University Projects

NXT LVL Fitness Platform, 2022

A fitness platform that focuses on tackling fitness motivation through personalised 3D avatars, wearable tech tracking and tokenised workouts. I was in charge of the complete website design and development process, as well as UI & UX design for software prototypes. The final website deliverable was awarded one of the highest grade in our cohort.

Assistive Jar Opener, 2020

Product design of a motorised jar opener designed for people with low physical dexterity. A three-phase human-centred design project started from consumer research and market analysis, to a functional prototype. Validated through user testing and FEA (Finite Element Analysis).

Mini-Whegs Robot, 2020

Design of an insect-inspired robot. I engineered, designed, and validated the robot with multiple subsystems including steering mechanism, motion analysis, material analysis, and power management.

R.O.I. Interactive Robot, 2019

A sound-reactive robot controlled by a microcontroller with integrated sensors. Fitted in a 3D printed ABS chassis with three continuous servo motors to control its movements and facial expressions.